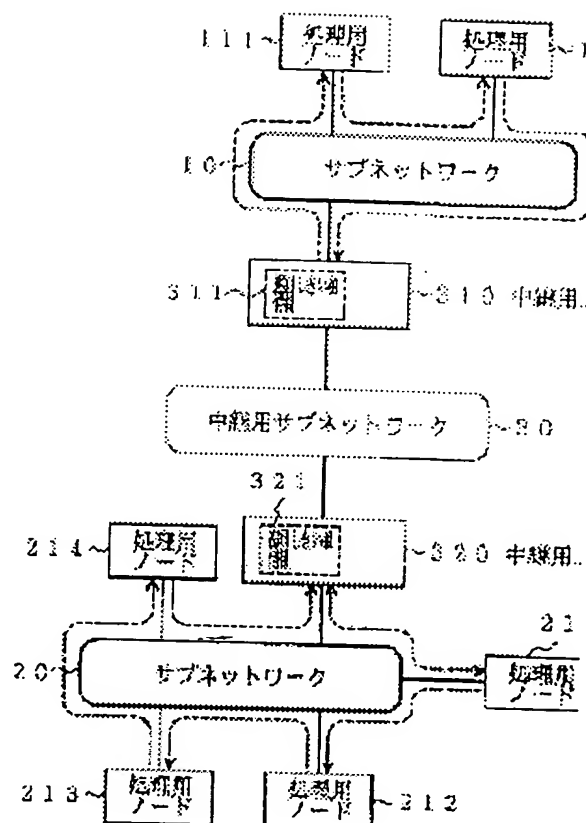


METHOD FOR RELAYING MESSAGE BETWEEN NETWORKS

Patent number: JP8172446
 Publication date: 1996-07-02
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 Classification:
 - international: H04L12/42; G06F13/00
 - european:
 Application number: JP19940315383 19941219
 Priority number(s):

Abstract of JP8172446

PURPOSE: To enable an appropriate processing node to surely receive and process a message when the node is present in the same sub-network.
CONSTITUTION: Nodes 111 and 112 for a processing and the node 310 for relay are connected to the sub-network 10, the node 320 for the relay and the nodes 211-214 for the processing are connected to the sub-network 20 similarly and they are respectively logically circularly connected. Also, the nodes 310 and 320 for the relay are connected to the sub-network 30 for the relay. A cyclic counter area is provided in the message in addition to a destination address, an origin address and data. A message emission node adds one to the cyclic counter area in the message every time the message is circulated once in the present sub-network. The node for the relay relays and transfers the message only when the value of the cyclic counter area of the inputted message exceeds a prescribed value.



PAT-NO: JP408172446A
DOCUMENT-IDENTIFIER: JP 08172446 A
TITLE: METHOD FOR RELAYING MESSAGE BETWEEN
NETWORKS
PUBN-DATE: July 2, 1996

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APPL-NO: JP06315383
APPL-DATE: December 19, 1994

INT-CL (IPC): H04L012/42, G06F013/00

ABSTRACT:

PURPOSE: To enable an appropriate processing node to surely receive and process a message when the node is present in the same sub-network.

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Also, the nodes 310 and 320 for the relay are connected to the sub-network 30 for the relay. A cyclic counter area is provided in the message in addition to a destination address, an origin address and data. A message emission node adds one to the cyclic counter area in the message every time the message is circulated once in the present sub-network. The node for the relay relays and transfers the message only when the value of the cyclic counter area of the inputted message exceeds a prescribed value.

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